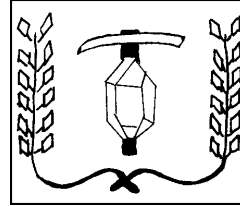


**GEOLOGIST**  
**INTEREST BADGE**


Date Passed

Signed

1. Make a collection of 30 different geological specimens stored in boxes suitably labelled and cross referenced to a field note book in which will be indicated the following:
  - a) Specimen identification.
  - b) Exact locality described in some detail with a cross reference to a 1:50 000 map.
  - c) Date of collection.

\_\_\_\_\_ 1
2. Description of the site and surrounding topography.
 

\_\_\_\_\_ 2
3. Broad description of the appearance of the specimen itself and conclusions as to what it is.
 

\_\_\_\_\_ 3
4. Know the difference between sedimentary and igneous rock and be able to relate this to natural phenomena such as volcanic and alluvial actions.
 

\_\_\_\_\_ 4
5. Have a knowledge of the following:
  - a) The need to avoid disfiguring the environment when collecting specimens.
  - b) The regulations governing the preservation of rare specimens and national monument sites.
  - c) The need to have written permission to collect specimens on private property.

\_\_\_\_\_ 5
6. Demonstrate the use of a geological hammer and know what its parts and characteristics are.
 

\_\_\_\_\_ 6
7. Demonstrate in a practical way an ability to read a geological map by sketching short traverses across a fault, a dyke, syncline or anticline and an unconformity.
 

\_\_\_\_\_ 7
8. Identify at least half of twenty minerals selected at random by the examiner from his personal collection or from a field expedition.
 

\_\_\_\_\_ 8
9. Have a reasonable knowledge of the geology of southern Africa and be able to give a brief discourse on the most prominent geological areas from an economic viewpoint.
 

\_\_\_\_\_ 9
10. Demonstrate a reasonable grasp of the formation of Earth and its development including tectonic plate movement and the effect of this on the geology of the continents.
 

\_\_\_\_\_ 10